



Montana Department of  
**ENVIRONMENTAL QUALITY**

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

**RECEIVED**

August 18, 2008

**AUG 19 2008**

Ravalli County Commissioners

--	--	--	--	--

Mr. Steve Wolters  
North Star Aviation, Inc.  
516 Airport Road  
Hamilton, MT 59840

**Subject: Approval of the Additional Remedial Investigation and Corrective Actions Work Plan, dated August 4, 2008, for the Petroleum Release at North Star Aviation, Ravalli County Airport, 516 Airport Road, Hamilton, Montana; Facility ID # 99-95007, Release # 4668**

Dear Mr. Wolters:

The Department of Environmental Quality (DEQ) has reviewed the above-referenced Additional Remedial Investigation (RI) and Corrective Actions Work Plan (CAP) prepared and submitted on your behalf by Tyler Etzel of PBS&J. The scope of the RI includes:

- Installation of a minimum, five (5) direct-push borings to a depth of 10 feet below ground surface.
- Onsite field analysis of soil samples and collection of one laboratory soil sample from each boring for volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbon (EPH) screen.
- Evaluation of soil sample results to determine viability of additional soil excavation.
- Installation of a minimum of three groundwater monitoring wells and one time groundwater sampling and analysis for VPH and EPH-screen.
- Collection of water samples from the Airport Maintenance Shop and Forest Service Aviation Office domestic wells every two months through January 2009, with laboratory submittal for volatile organic compounds EPA Method 524.2.

The RI is approved with the following comments:

- The installation of three (3) additional borings; GP-6 to be located just to the north of the east-west arm of the first recovery trench.; GP-7 located to the north of the second recovery trench; and GP-8 located northwest of the third recovery trench near the airport's western property boundary.
- Relocate GP-1 to the south of the Airport Maintenance Building, along the culvert path. Relocate GP-3 to the northwest corner of the first recovery trench. Relocate GP-5 to the northwest side of the third recovery trench, no more than 10 feet from the trench.
- Relocated NMW-3 west approximately 20 feet.

Mr. Steve Wolters  
North Star Aviation  
Fac ID #99-95007, Release #4668  
August 18, 2008  
Page 2

The scope of the CAP includes:

- Excavation of the utility corridor with a vacuum truck northward from the Culvert #2 area, with the collection of a minimum of one (1) laboratory soil sample submitted for VPH and EPH-screen analysis.
- Continued Light Non-Aqueous Phase Liquids removal from the recovery wells using manual pumps and/or vacuum truck..
- Research site for land farm application of stockpiled soils and potential future excavated soils.

The CAP is approved as submitted. The RI must be completed and a Standardized Report (RI\_01) submitted to DEQ within 30 days of receiving laboratory results. Please submit a an electronic/digital copy, as well as the hard copy of the report.

Standardized DEQ report formats are located at the following Internet address:  
[www.deq.mt.gov/LUST/TechGuidDocs/techguidlist.asp](http://www.deq.mt.gov/LUST/TechGuidDocs/techguidlist.asp)

The work detailed in the above mentioned RI and CAP is only approved until **August 15, 2009**, after which time DEQ's approval of this RI and CAP will expire. No additional work is authorized beyond this date unless approved in writing by DEQ. If you are unable to complete the required corrective actions by this date, you may request an extension. Any requests for an extension must be submitted in writing to the DEQ project manager at least 90 days prior to expiration. Please be aware that U.S. Occupational Safety and Health Administration, Hazardous Waste Operations and Emergency Response Regulation, 29 CFR 1910.120, requires your consultant or contractor to have and maintain current a site-specific health and safety plan during all field activities at your site.

Please note that DEQ's approval of the work plan does not constitute a guarantee that the PTRCB will obligate funding or provide reimbursement for costs incurred to implement this RI and CAP. If you have any questions regarding reimbursement for costs incurred to implement this RI and CAP, please contact the PTRCB at 406-841-5090.

DEQ reserves the right to modify the RI and CAP prior to implementation or require the use of a different remediation alternative if site conditions change or if additional information becomes available that affects the selection of proposed remediation alternatives. Please notify the DEQ project manager at least ten (10) working days prior to conducting the field activities so that a site visit can be scheduled.

Mr. Steve Wolters  
North Star Aviation  
Fac ID #99-95007, Release #4668  
August 18, 2008  
Page 3

If you have any questions, please contact me at (406) 841-5044.

Sincerely,



Nicholas Sovner  
Project Manager  
Petroleum Technical Section

cc: PTRCB  
Tyler Etzel, PBS&J, 1120 Cedar St., Missoula, MT 59802-3911  
Page Gough, C/O Ravalli County Airport, 215 South 4th St. Suite A, Hamilton, MT 59840 ✓  
Ron Nicholas, Office of Emergency Management, 205 Bedford St. Suite J, Hamilton, MT 59840  
Dan Hooten, Ravalli County Sanitarian, 215 South 4th St. Suite D, Hamilton, MT 59840